

R	G1	R	G1	R	G1	R	G1
G2	B	G2	B	G2	B	G2	B
R	G1	R	G1	R	G1	R	G1	...	
G2	B	G2	B	G2	B	G2	B	...	
R	G1	R	G1	R	G1	R	G1	...	
G2	B	G2	B	G2	B	G2	B	...	
R	G1	R	G1	R	G1	R	G1	...	
G2	B	G2	B	G2	B	G2	B	...	
:	:	:	:	:	:	:	:	...	

Figure 1: Bayer Pattern

		$R_{m-2,n}$		
		$G_{m-1,n}$		
$R_{m,n-2}$	$G_{m,n-1}$	$R_{m,n}$	$G_{m,n+1}$	$R_{m,n+2}$
		$G_{m+1,n}$		
		$R_{m+2,n}$		

Figure 2

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$B_{m-1,n-1}$	$G_{m-1,n}$	$B_{m,n+1}$
$G_{m,n-1}$	$R_{m,n}$	$G_{m,n+1}$
$B_{m+1,n-1}$	$G_{m+1,n}$	$R_{m+,n+1}$

Figure 3

	$B_{m-1,n}$	
$R_{m,n-1}$	$G_{m,n}$	$R_{m,n+1}$
	$B_{m+1,n}$	

Figure 4